

OPE

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date

10/4/2001

Serial Number:

09/917,963

Edited by

Verified by

(STIC stat)

ENTERED

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

Examiner: The above corrections must be communicated to the applicant in the first Office  
 Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/917,963

DATE: 10/04/2001  
TIME: 18:18:19

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\10042001\I917963.raw

6 <110> APPLICANT: Rosanne M. Crooke  
 7 Mark J. Graham  
 10 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER  
 PROTEIN  
 11 EXPRESSION  
 13 <130> FILE REFERENCE: ISPH-0591  
 C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/917,963  
 C--> 15 <141> CURRENT FILING DATE: 2001-07-30  
 15 <160> NUMBER OF SEQ ID NOS: 137  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 20  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: Artificial Sequence  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Antisense Oligonucleotide  
 25 <400> SEQUENCE: 1  
 26 tccgtcatacg ctcctcaggg  
 28 <210> SEQ ID NO: 2  
 29 <211> LENGTH: 20  
 30 <212> TYPE: DNA  
 31 <213> ORGANISM: Artificial Sequence  
 33 <220> FEATURE:  
 34 <223> OTHER INFORMATION: Antisense Oligonucleotide  
 36 <400> SEQUENCE: 2  
 37 atgcattctg cccccaagga  
 39 <210> SEQ ID NO: 3  
 40 <211> LENGTH: 3392  
 41 <212> TYPE: DNA  
 42 <213> ORGANISM: Homo sapiens  
 44 <220> FEATURE:  
 45 <221> NAME/KEY: CDS  
 46 <222> LOCATION: (87)...(2771)  
 48 <400> SEQUENCE: 3  
 49 actccctca tggctgccat tgaaagagtc cacttctcag tgactcctag ctgggcactg 60  
 50 gatgcagttg aggattgctg gtcaat atg att ctt ctt gct gtg ctt ttt ctc 113  
 51 Met Ile Leu Leu Ala Val Leu Phe Leu .  
 52 1 5  
 54 tgc ttc att tcc tca tat tca gct tct gtt aaa ggt cac aca act ggt 161  
 55 Cys Phe Ile Ser Ser Tyr Ser Ala Ser Val Lys Gly His Thr Thr Gly  
 56 10 15 20 25  
 58 ctc tca tta aat aat gac cgg ctg tac aag ctc acg tac tcc act gaa 209  
 59 Leu Ser Leu Asn Asn Asp Arg Leu Tyr Lys Leu Thr Tyr Ser Thr Glu  
 60 30 35 40  
 62 gtt ctt ctt gat cgg ggc aaa gga aaa ctg caa gac agc gtg ggc tac 257  
 63 Val Leu Leu Asp Arg Gly Lys Gly Lys Leu Gln Asp Ser Val Gly Tyr  
 64 45 50 55  
 66 aat ttc tcc aac gtc gat gta acc tta cta tgg aat cct gat 305

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/917,963

DATE: 10/04/2001  
TIME: 18:18:19

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\10042001\I917963.raw

68	60	65	70	
70	ggt gat gat gac cag ttg atc caa ata acg atg aag gat gta aat gtt			353
71	Gly Asp Asp Asp Gln Leu Ile Gln Ile Thr Met Lys Asp Val Asn Val			
72	75	80	85	
74	gaa aat gtg aat cag cag aga gga gag aag agc atc ttc aaa gga aaa			401
75	Glu Asn Val Asn Gln Gln Arg Gly Glu Lys Ser Ile Phe Lys Gly Lys			
76	90	95	100	105
78	agc cca tct aaa ata atg gga aag gaa aac ttg gaa gct ctg caa aga			449
79	Ser Pro Ser Lys Ile Met Gly Lys Glu Asn Leu Glu Ala Leu Gln Arg			
80	110	115	120	
82	cct acg ctc ctt cat cta atc cat gga aag gtc aaa gag ttc tac tca			497
83	Pro Thr Leu Leu His Leu Ile His Gly Lys Val Lys Glu Phe Tyr Ser			
84	125	130	135	
86	tat caa aat gag gca gtg gcc ata gaa aat atc aag aga ggt ctg gct			545
87	Tyr Gln Asn Glu Ala Val Ala Ile Glu Asn Ile Lys Arg Gly Leu Ala			
88	140	145	150	
90	agc cta ttt cag aca cag tta agc tct gga acc acc aat gag gta gai			593
91	Ser Leu Phe Gln Thr Gln Leu Ser Ser Gly Thr Thr Asn Glu Val Asp			
92	155	160	165	
94	atc tct gga aat tgt aaa gtg acc tac cag gct cat caa gac aaa gtg			641
95	Ile Ser Gly Asn Cys Lys Val Thr Tyr Gln Ala His Gln Asp Lys Val			
96	170	175	180	185
98	atc aaa att aag gcc ttg gat tca tgc aaa ata gcg agg tct gga ttt			689
99	Ile Lys Ile Lys Ala Leu Asp Ser Cys Lys Ile Ala Arg Ser Gly Phe			
100	190	195	200	
102	acg acc cca aat cag gtc ttg ggt gtc agt tca aaa gct aca tct gtc			737
103	Thr Thr Pro Asn Gln Val Leu Gly Val Ser Ser Lys Ala Thr Ser Val			
104	205	210	215	
106	acc acc tat aag ata gaa gac agc ttt gtt ata gct gtg ctt gct gaa			785
107	Thr Thr Tyr Lys Ile Glu Asp Ser Phe Val Ile Ala Val Leu Ala Glu			
108	220	225	230	
110	gaa aca cac aat ttt gga ctg aat ttc cta caa acc att aag ggg aaa			833
111	Glu Thr His Asn Phe Gly Leu Asn Phe Leu Gln Thr Ile Lys Gly Lys			
112	235	240	245	
114	ata gta tcg aag cag aaa tta gag ctg aag aca acc gaa gca ggc cca			881
115	Ile Val Ser Lys Gln Lys Leu Glu Leu Lys Thr Thr Glu Ala Gly Pro			
116	250	255	260	265
118	aga ttg atg tct gga aag cag gct gca gcc ata atc aaa gca gtt gat			929
119	Arg Leu Met Ser Gly Lys Gln Ala Ala Ala Ile Ile Lys Ala Val Asp			
120	270	275	280	
122	tca aag tac acg gcc att ccc att gtg ggg cag gtc ttc cag agc cac			977
123	Ser Lys Tyr Thr Ala Ile Pro Ile Val Gly Gln Val Phe Gln Ser His			
124	285	290	295	
126	tgt aaa gga tgt cct tct ctc tcg gag ctc tgg cgg tcc acc agg aaa			1025
127	Cys Lys Gly Cys Pro Ser Leu Ser Glu Leu Trp Arg Ser Thr Arg Lys			
128	300	305	310	
130	tac ctg cag cct gac aac ctt tcc aag gct gag gct gtc aga aac ttc			1073
131	Tyr Leu Gln Pro Asp Asn Leu Ser Lys Ala Glu Ala Val Arg Asn Phe			
132	315	320	325	

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/917,963

DATE: 10/04/2001  
TIME: 18:18:19

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\10042001\I917963.raw

134	ctg	gcc	ttc	att	cag	cac	ctc	agg	act	gcg	aag	aaa	gaa	gag	atc	ctt	1121
135	Leu	Ala	Phe	Ile	Gln	His	Leu	Arg	Thr	Ala	Lys	Lys	Glu	Glu	Ile	Leu	
136	330				335					340					345		
138	caa	ata	cta	aag	atg	gaa	aat	aag	gaa	gtt	tta	cct	cag	ctg	gtg	gat	1169
139	Gln	Ile	Leu	Lys	Met	Glu	Asn	Lys	Glu	Val	Leu	Pro	Gln	Leu	Val	Asp	
140					350					355					360		
142	gct	gtc	acc	tct	gct	cag	acc	tca	gac	tca	tta	gaa	gcc	att	ttg	gac	1217
143	Ala	Val	Thr	Ser	Ala	Gln	Thr	Ser	Asp	Ser	Leu	Glu	Ala	Ile	Leu	Asp	
144					365					370					375		
146	ttt	ttg	gat	ttc	aaa	agt	gac	agc	att	atc	ctc	cag	gag	agg	ttt		1265
147	Phe	Leu	Asp	Phe	Lys	Ser	Asp	Ser	Ser	Ile	Ile	Leu	Gln	Glu	Arg	Phe	
148					380					385					390		
150	ctc	tat	gcc	tgt	gga	ttt	gct	tct	cat	ccc	aat	gaa	gcc	ctc	ctg	aga	1313
151	Leu	Tyr	Ala	Cys	Gly	Phe	Ala	Ser	His	Pro	Asn	Glu	Glu	Leu	Leu	Arg	
152					395					400					405		
154	gcc	ctc	att	agt	aag	ttc	aaa	ggt	tct	att	ggt	agc	agt	gac	atc	aga	1361
155	Ala	Leu	Ile	Ser	Lys	Phe	Lys	Gly	Ser	Ile	Gly	Ser	Ser	Asp	Ile	Arg	
156					410					415					420		
158	gaa	act	gtt	atg	atc	act	ggg	aca	ctt	gtc	aga	aag	ttg	tgt	cag		1409
159	Glu	Thr	Val	Met	Ile	Ile	Gly	Thr	Leu	Val	Arg	Lys	Leu	Cys	Gln		
160					430					435					440		
162	aat	gaa	ggc	tgc	aaa	ctc	aaa	gca	gtt	gtg	gaa	gct	aag	tta	atc		1457
163	Asn	Glu	Gly	Cys	Lys	Leu	Lys	Ala	Val	Val	Glu	Ala	Lys	Lys	Leu	Ile	
164					445					450					455		
166	ctg	gga	ctt	gaa	aaa	gca	gag	aaa	aaa	gag	gac	acc	agg	atg	tat		1505
167	Leu	Gly	Gly	Leu	Glu	Lys	Ala	Glu	Lys	Glu	Asp	Thr	Arg	Met	Tyr		
168					460					465					470		
170	ctg	ctg	gct	ttg	aag	aat	gcc	ctg	ctt	cca	gaa	ggc	atc	cca	agt	ctt	1553
171	Leu	Leu	Ala	Leu	Lys	Asn	Ala	Leu	Leu	Pro	Glu	Gly	Ile	Pro	Ser	Leu	
172					475					480					485		
174	ctg	aag	tat	gca	gaa	gca	gga	gaa	ggg	ccc	atc	agc	cac	ctg	gct	acc	1601
175	Leu	Lys	Tyr	Ala	Glu	Ala	Gly	Glu	Gly	Pro	Ile	Ser	His	Leu	Ala	Thr	
176					490					495					500		
178	act	gct	ctc	cag	aga	tat	gat	ctc	cct	tcc	ata	act	gat	gag	gtg	aag	1649
179	Thr	Ala	Leu	Gln	Arg	Tyr	Asp	Leu	Pro	Phe	Ile	Thr	Asp	Glu	Val	Lys	
180					510					515					520		
182	aag	acc	tta	aac	aga	ata	tac	cac	caa	aac	cgt	aaa	gtt	cat	gaa	aag	1697
183	Lys	Thr	Leu	Asn	Arg	Ile	Tyr	His	Gln	Asn	Arg	Lys	Val	His	Glu	Lys	
184					525					530					535		
186	act	gtg	cgc	act	gct	gct	gtc	att	tta	aat	aac	aat	cca	tcc			1745
187	Thr	Val	Arg	Thr	Ala	Ala	Ala	Ile	Ile	Leu	Asn	Asn	Asn	Pro	Ser		
188					540					545					550		
190	tac	atg	gac	gtc	aag	aac	atc	ctg	ctg	tct	att	ggg	gag	ctt	ccc	caa	1793
191	Tyr	Met	Asp	Val	Lys	Asn	Ile	Leu	Leu	Ser	Ile	Gly	Glu	Leu	Pro	Gln	
192					555					560					565		
194	gaa	atg	aat	aaa	tac	atg	ctc	gcc	att	gtt	caa	gac	atc	cta	cgt	ttg	1841
195	Glu	Met	Asn	Lys	Tyr	Met	Leu	Ala	Ile	Val	Gln	Asp	Ile	Leu	Arg	Leu	
196					570					575					580		
198	aaa	atg	cct	aca	aaa	att	qtc	cgt	cga	gtt	ctg	aag	gaa	atg	gtc		1889

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/917,963

DATE: 10/04/2001  
TIME: 18:18:19

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\10042001\I917963.raw

199	Glu	Met	Pro	Ala	Ser	Lys	Ile	Val	Arg	Arg	Val	Leu	Lys	Glu	Met	Val	
200							590		595					600			
202	gct	cac	aat	tat	gac	cgt	ttc	tcc	agg	agt	gga	tct	tct	tct	gcc	tac	1937
203	Ala	His	Asn	Tyr	Asp	Arg	Phe	Ser	Arg	Ser	Gly	Ser	Ser	Ala	Tyr		
204							605		610					615			
206	act	ggc	tac	ata	gaa	cgt	agt	ccc	cgt	tcg	gca	tct	act	tac	agc	cta	1985
207	Thr	Gly	Tyr	Ile	Glu	Arg	Ser	Pro	Arg	Ser	Ala	Ser	Thr	Tyr	Ser	Leu	
208							620		625					630			
210	gac	att	ctc	tac	tcg	ggt	tct	ggc	att	cta	agg	aga	agt	aac	ctg	aac	2033
211	Asp	Ile	Leu	Tyr	Ser	Gly	Ser	Gly	Ile	Leu	Arg	Arg	Ser	Asn	Leu	Asn	
212							635		640					645			
214	atc	ttt	cag	tac	att	ggg	aag	gct	ggt	ctt	cac	ggt	agc	cag	gtg	gtt	2081
215	Ile	Phe	Gln	Tyr	Ile	Gly	Lys	Ala	Gly	Leu	His	Gly	Ser	Gln	Val	Val	
216	650						655				660			665			
218	att	gaa	gcc	caa	gga	ctg	gaa	gcc	tta	atc	gca	gcc	acc	cct	gac	gag	2129
219	Ile	Glu	Ala	Gln	Gly	Leu	Glu	Ala	Leu	Ile	Ala	Ala	Thr	Pro	Asp	Glu	
220							670				675			680			
222	ggg	gag	gag	aac	ctt	gac	tcc	tat	gct	ggt	atg	tca	gcc	atc	ctc	ttt	2177
223	Gly	Glu	Glu	Asn	Leu	Asp	Ser	Tyr	Ala	Gly	Met	Ser	Ala	Ile	Leu	Phe	
224							685		690					695			
226	atg	tcc	aaa	atg	ctg	tca	gca	tct	ggc	gac	cct	atc	agt	gtg	gtg	aaa	2225
227	Asp	Val	Gln	Leu	Arg	Pro	Val	Thr	Phe	Phe	Asn	Gly	Tyr	Ser	Asp	Leu	
228							700		705					710			
230	atg	tcc	aaa	atg	ctg	tca	gca	tct	ggc	gac	cct	atc	agt	gtg	gtg	aaa	2273
231	Met	Ser	Lys	Met	Leu	Ser	Ala	Ser	Gly	Asp	Pro	Ile	Ser	Val	Val	Lys	
232							715		720					725			
234	gga	ctt	att	ctg	cta	ata	gat	cat	tct	cag	gaa	ctt	cag	tta	caa	tct	2321
235	Gly	Leu	Ile	Leu	Leu	Ile	Asp	His	Ser	Gln	Glu	Leu	Gln	Leu	Gln	Ser	
236	730						735				740			745			
238	gga	cta	aaa	gcc	aat	ata	gag	gtc	cag	ggt	ggt	cta	gct	att	gat	att	2369
239	Gly	Leu	Lys	Ala	Asn	Ile	Glu	Val	Gln	Gly	Gly	Leu	Ala	Ile	Asp	Ile	
240							750				755			760			
242	tca	ggt	gca	atg	gag	ttt	agc	ttg	tgg	tat	cgt	tct	aaa	acc	cga	2417	
243	Ser	Gly	Ala	Met	Glu	Phe	Ser	Leu	Trp	Tyr	Arg	Glu	Ser	Lys	Thr	Arg	
244							765		770					775			
246	gtg	aaa	aat	agg	gtg	act	gtg	gta	ata	acc	act	gac	atc	aca	gtg	gac	2465
247	Val	Lys	Asn	Arg	Val	Thr	Val	Val	Ile	Thr	Thr	Asp	Ile	Thr	Val	Asp	
248							780		785					790			
250	tcc	tct	ttt	gtg	aaa	gct	ggc	ctg	gaa	acc	agt	aca	gaa	aca	gca		2513
251	Ser	Ser	Phe	Val	Lys	Ala	Gly	Leu	Glu	Thr	Ser	Thr	Glu	Thr	Glu	Ala	
252							795		800					805			
254	ggc	ttg	gag	ttt	atc	tcc	aca	gtg	cag	ttt	tct	cag	tac	cca	ttc	tta	2561
255	Gly	Leu	Glu	Phe	Ile	Ser	Thr	Val	Gln	Phe	Ser	Gln	Tyr	Pro	Phe	Leu	
256	810						815				820			825			
258	gtt	tgc	atg	cag	atg	gac	aag	gat	gaa	gct	cca	ttc	agg	caa	ttt	gag	2609
259	Val	Cys	Met	Gln	Met	Asp	Lys	Asp	Glu	Ala	Pro	Phe	Arg	Gln	Phe	Glu	
260							830				835			840			
262	aaa	aag	tac	gaa	agg	ctg	tcc	aca	ggc	aga	ggt	tat	gtc	tct	cag	aaa	2657
263	Arg	Tyr	Gly	Arg	Leu	Ser	Thr	Gly	Arg	Gly	Tyr	Val	Ser	Gln	Lys		

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/917,963

DATE: 10/04/2001  
TIME: 18:18:19

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\10042001\I917963.raw

264	845	850	855	
266	aga aaa gaa agc gta tta gca gga tgt gaa ttc ccg ctc cat caa gag			2705
267	Arg Lys Glu Ser Val Leu Ala Gly Cys Glu Phe Pro Leu His Gln Glu			
268	860	865	870	
270	aac tca gag atg tgc aaa gtg gtg ttt gcc cct cag ccg gat agt act			2753
271	Asn Ser Glu Met Cys Lys Val Val Phe Ala Pro Gln Pro Asp Ser Thr			
272	875	880	885	
274	tcc agc gga tgg ttt tga aactgacctg tgatattta cttgaatttg			2801
275	Ser Ser Gly Trp Phe			
276	890			
278	tctcccgaa agggacacaa tgtggcatga ctaagtactt gctctctgag agcacagcgt			2861
279	ttacatattt acctgtattt aagattttt taaaaagcta caaaaaactg cagtttgatc			2921
280	aaatttgggt atatgcagta tgctaccac agcgtcattt tgaatcatca tgtgacgctt			2981
281	tcaacaacgt tcttagttt cttataccctc tctcaaattt catttggtag agtcagaata			3041
282	gttatttctt aagagggaaac tagtggttt taaaaacaaaa aataaaaaaca aaaccacaca			3101
283	aqqaqaaccc aattttgttt caacaatttt tgataatgt atatgaagct cttgatagga			3161
284	cttccttaag catgacggga aaaccaaaca cgttccctaa tcagggaaaa aaaaaaaaaa			3221
285	aaaaagtaag acacaaacaa accattttt tctttttt tggagttggg ggcccaggga			3281
286	gaagggacaa ggctttaaa agacttggta gccaacttca agaattaata tttatgtctc			3341
287	tgttattttt agtttaagc cttaaaggtag aaggcacata gaaataacat c			3392
289	<210> SEQ ID NO: 4			
290	<211> LENGTH: 18			
291	<212> TYPE: DNA			
292	<213> ORGANISM: Artificial Sequence			
294	<220> FEATURE:			
295	<223> OTHER INFORMATION: PCR Primer			
297	<400> SEQUENCE: 4			
298	cgtggctac cgcatatc			18
300	<210> SEQ ID NO: 5			
301	<211> LENGTH: 22			
302	<212> TYPE: DNA			
303	<213> ORGANISM: Artificial Sequence			
305	<220> FEATURE:			
306	<223> OTHER INFORMATION: PCR Primer			
308	<400> SEQUENCE: 5			
309	tcatcatcac catcaggatt cc			22
311	<210> SEQ ID NO: 6			
312	<211> LENGTH: 27			
313	<212> TYPE: DNA			
314	<213> ORGANISM: Artificial Sequence			
316	<220> FEATURE:			
317	<223> OTHER INFORMATION: PCR Probe			
319	<400> SEQUENCE: 6			
320	tccaaacgtgg atgtggcattt actatgg			27
322	<210> SEQ ID NO: 7			
323	<211> LENGTH: 19			
324	<212> TYPE: DNA			
325	<213> ORGANISM: Artificial Sequence			
327	<220> FEATURE:			

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/917,963

DATE: 10/04/2001  
TIME: 18:18:20

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF3\10042001\I917963.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/917,963

DATE: 08/07/2001  
TIME: 13:32:10

Input Set : A:\917963.txt  
Output Set: N:\CREF3\08072001\I917963.raw

Does Not Comply  
Corrected Diskette Needed

6 <110> APPLICANT: Rosanne M. Crooke  
7 Mark J. Graham  
10 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL TRIGLYCERIDE TRANSFER  
PROTEIN  
11 EXPRESSION  
13 <130> FILE REFERENCE: ISPH-0591  
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/917,963  
C--> 15 <141> CURRENT FILING DATE: 2001-07-30  
15 <160> NUMBER OF SEQ ID NOS: 137

## ERRORED SEQUENCES

1983 <210> SEQ ID NO: 137  
1984 <211> LENGTH: 20  
1985 <212> TYPE: DNA  
1986 <213> ORGANISM: Artificial Sequence  
1988 <220> FEATURE:  
1989 <223> OTHER INFORMATION: Antisense Oligonucleotide  
1991 <400> SEQUENCE: 137  
1992 atcaactgaa gttctccact  
20  
E--> 1994 1  
E--> 1997 35

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/917,963

DATE: 08/07/01

TIME: 13:32:11

Input Set : A:\917963.txt

Output Set: N:\CRF3\08072001\I917963.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:1994 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:20 SEQ:137  
M:254 Repeated in SeqNo=137